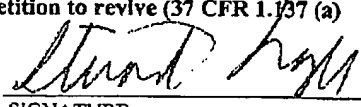


AP7 Rec'd PCT/PTO 07 AUG 2006

FORM PTO-1390 (REV. 02/2005)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER	
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371				7003/54	
				U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/588685</b> Unassigned	
INTERNATIONAL APPLICATION NO. PCT/EP2005/001407		INTERNATIONAL FILING DATE 07 February 2005		PRIORITY DATE CLAIMED 05 February 2004	
TITLE OF INVENTION METHOD FOR THE CALIBRATION AND VERIFICATION OF METHYLATION ANALYSIS METHODS WITH THE AID OF NON-METHYLATED DNA					
APPLICANT(S) FOR DO/EO/US: MODEL, Fabian; SCHUSTER, Matthias; KLUTH, Antje					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:					
<p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))</p> <p>    a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</p> <p>    b. <input type="checkbox"/> has been communicated by the International Bureau.</p> <p>    c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))</p> <p>    a. <input checked="" type="checkbox"/> is attached hereto.</p> <p>    b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <p>    a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</p> <p>    b. <input type="checkbox"/> have been communicated by the International Bureau.</p> <p>    c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</p> <p>    d. <input checked="" type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p> <p><b>Items 11 to 20 below concern document(s) or information included:</b></p> <p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A preliminary amendment.</p> <p>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p><input checked="" type="checkbox"/> Other items or information: Confirmation Postcard</p>					

AP20 Rec'd PCT/PTO 07 AUG 2006

U.S. APPLICATION NO. <b>10/588685</b> (37 CFR 1.53)		INTERNATIONAL APPLICATION NO. PCT/EP2005/001407		ATTORNEY'S DOCKET NUMBER 7003/54	
The following fees have been submitted:				<b>CALCULATIONS PTO USE ONLY</b>	
21. <input checked="" type="checkbox"/> Basic national fee .....\$300.00				\$ 300.00	
22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) ..... \$100.00 All other situations .....\$200.00				\$ 200.00	
23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority .....\$100.00 International Search Report prepared and provided to the Office.....\$400.00 All other situations.....\$500.00				\$ 400.00	
<b>TOTAL OF 21, 22 and 23 =</b>				<b>\$ 900.00</b>	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or Fraction thereof (round up to a whole number)	Rate		
59 - 100 =	0 /50 =	0	x \$250	\$	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).				\$ 130.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	39 - 20 =	19	x \$50.00	\$ 950.00	
Independent claims	14 - 3 =	11	x \$200.00	\$2,200.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00	\$	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$4,180.00</b>	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.					
<b>SUBTOTAL =</b>				<b>\$2,090.00</b>	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$	
<b>TOTAL NATIONAL FEE =</b>				<b>\$2,090.00</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				\$	
<b>TOTAL FEES ENCLOSED =</b>				<b>\$2,090.00</b>	
				Amount to be refunded:	\$
				charged:	\$2,090.00
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.					
b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>50-1047</u> in the amount of <u>\$2,090.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.					
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>50-1047</u> . A duplicate copy of this sheet is enclosed.					
d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
<b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO:				 SIGNATURE	
Mayer & Williams, PC 251 North Avenue West, 2 <sup>nd</sup> Floor Westfield, NJ 07090				Stuart H. Mayer	
Tel.: 908-518-7700 Fax: 908-518-7795				NAME 35,277	
REGISTRATION NUMBER					

**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**

**AP20 Rec'd PCT/PTO 07 AUG 2006**

EXPRESS MAIL LABEL NO.: EQ 324870764 US

I hereby certify that this correspondence is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

8/7/06

Signature: Marjorie Scariati

Marjorie Scariati

**In the United States Patent and Trademark Office**

**In re Application of: Fabian Model et al.**

**Int'l Appln No: PCT/EP2005/001407**

**Int'l Filing Date: 02/07/2005**

**Art Unit: Not Yet Assigned**

**Confirmation No.: Not Yet Assigned**

**Examiner: Not Yet Assigned**

**Docket: 7003/54**

**Method for the Calibration and  
Verification of Methylation Analysis  
Methods With the Aid of Non-methylated  
DNA**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**LETTER REGARDING SUBMISSION OF ENGLISH TRANSLATION**

Per the requirements of 37 CFR 1.52(d), filed herewith is a translation of the originally filed German language application into English and accompanying preliminary amendment. The English translation was provided to the undersigned attorney by the

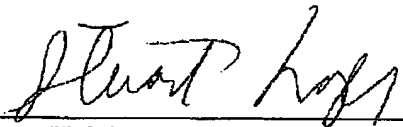
RECEIVED 07 AUG 2006

Applicant's German attorney, Bernhard Jungblut, who prepared and filed the German priority application, and is accurate to the best of the undersigned attorney's knowledge and belief. The preliminary amendment includes no new matter, and is filed only to make the claims conform to U.S. practice. It is respectfully requested that the amended English translation be used as the copy for examination purposes in the Patent Office.

**FEES**

While it is not believed that any fees are due relative to the filing of the English translation, the Commissioner is hereby authorized to charge any fees that may be due to the undersigned attorney's PTO Deposit Account No. 50-1047 accordingly.

Respectfully submitted:

by   
Stuart H. Mayer      Reg. No. 35,277  
Mayer & Williams, PC  
251 North Avenue West  
Westfield, NJ 07090

Date 8/7/06  
Tel.: 908-518-7700  
Fax: 908-518-7795